## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2026	(89/1.51,1.52,1.53,1.54,1.55,1.58,1.59).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/19 07:09
Ľ3	0	air and shock and wave and high-velocity and flow and aerodispersible and fire and extinguish\$4 and dispersing charge and container and suspension and separat\$4 and prior and exploding and flexible link and faceplate and eye-rings and stabilizer sleeve and release mechanism and channels and spring-loaded and piston and gas producer	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/07/19 07:12
_4	0	(air and shock and wave and high-velocity and flow and aerodispersible and fire and extinguish\$4 and dispersing charge and container and suspension and separat\$4 and prior and exploding and flexible link and faceplate and eye-rings and stabilizer sleeve and release mechanism and channels and spring-loaded and piston and gas producer).clm.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/07/19 07:12
S1	3	("2779421").PN.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 10:12

<b>S</b> 2	613	(169/46).CCLS.	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 10:15
83	315	(169/28).OOLS.	US-PCPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 10:15
S4	79	(169/81). OCLS.	US-PCPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 10:15
S5	193	(169/36).OCLS.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 10:15
<b>S</b> 6	613	(169/46).OOLS.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 12:19
S7	315	(169/28) .OOLS.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 12:19
S8	79	(169/81).OCLS.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 12:19

S9	193	(169/36).OOLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/05/19 12:19
S10	1134	S6 or S7 or S8 or S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 12:19
S11	90	S10 and piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 12:21
S12	62977	S10 and missile or bomb or ballistic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 12:43
S13	72	S10 and (missile or bomb or ballistic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 12:43

S14	100	("0333117"   "0338604"   "0357719"   "1317551"	US-PGPUB;	ADJ	ON	2009/05/19
		"1903348"   "1928909"   "1933694"   "2091589"	USPAT; USOCR			12:46
		"2306321"   "2349980"   "2359573"   "2633920"				
		"2665768"   "2703527"   "2873806"   "2947315"				
		"2972998"   "2997051"   "3027903"   "3065798"				
		"3101733"   "3111133"   "3349786"   "3369609"				
		"3382800"   "3677347"   "3833063"   "3833064"				
		"3853180"   "3913604"   "3980139"   "4037665"				
		"4188856"   "4285403"   "4344489"   "4353303"				
		"4702322"   "4798143"   "4964469"   "5031701"				
		"5038866"   "5050683"   "5507350"   "5778984"				
		"5894891"   "6179246"   "6318473"   "6470805"				
		"6919840"   "7121353"   "D355744").PN. OR				
		("1903348"   "1933694"   "2633920"   "2665768"				
		"2795282"   "4970936"   "5826664"   "6318473"				
		"7121353"   "7478680").URPN.				
S15	16	("3382800").URPN.	USPAT	ADJ	ON	2009/05/19
						12:58
S16	11	("2338719"   "3176944"   "3225490"   "3382800"	US-PGPUB;	ADJ	ON	2009/05/19
		"3498218").PN. OR ("4218064").URPN.	USPAT; USOCR			13:00
S17	1	"1997006858"	US-PGPUB;	ADJ	ON	2009/05/19
			USPAT;			13:06
			USOCR; FPRS;			
			EPO; JPO;			
			DERWENT			
S18	19	"2779421"	US-PGPUB;	ADJ	ON	2009/05/19
			USPAT;			13:06
			USOCR; FPRS;			
			EPO; JPO;			
			DERWENT		-	
S19	8	"2050875"	US-PGPUB;	ADJ	ON	2009/05/19
			USPAT;			13:06
			USOCR; FPRS;			
			EPO; JPO;			
			DERWENT			

\$20	15	"2146544"	US PCPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 13:06
\$21	27	missile and flexible link	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DEFWENT	ADJ	ON	2009/05/19 13:18
\$22	5	missile and piston and gas producer	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DEFWENT	ADJ	ON	2009/05/19 14:06
\$23	211	102/221	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DEFWENT	ADJ	ON	2009/05/19 15:25
\$24	482	102/489	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT	ADJ	ON	2009/05/19 15:25
\$25	135	102/370	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DEFWENT	ADJ	ON	2009/05/19 15:25
\$26	806	\$23 or \$24 or \$25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 15:26

\$27	146	\$26 and piston	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/19 15:26
S28	6	("2368747"   "3967556"   "4188886"   "4526104").PN. OR ("4932325").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/19 15:33
S29	135	102/370	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/20 07:07
S30	19	("3161132"   "3485460"   "3601055"   "3960626"   "3970006"   "4038776"   "4498394"   "4638737"   "4798143"   "4867357"   "4949920"   "5159151"   "5494239"   "5824404"   "5979826"   "6142424"   "6622971").PN. OR ("7082878").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 07:21
S31	2	S30 and piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 07:22
S32	23	("1090007"   "1108654"   "2124876"   "3038407"   "3055300"   "3112906"   "3633509").PN. OR ("4651648").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 07:28
S33	18	("1317551"   "1903348"   "2633920"   "2665768"   "2703527"   "3065798"   "3382800"   "4353303"   "4798143"   "6470805"   "7121353").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 07:52
S34	19	("3161132"   "3485460"   "3601055"   "3960626"   "3970006"   "4038776"   "4498394"   "4638737"   "4798143"   "4867357"   "4949920"   "5159151"   "5494239"   "5824404"   "5979826"   "6142424"   "6622971").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 07:55
<b>S3</b> 5	19	("3161132"   "3485460"   "3601055"   "3960626"   "3970006"   "4038776"   "4498394"   "4638737"   "4798143"   "4867357"   "4949920"   "5159151"   "5494239"   "5824404"   "5979826"   "6142424"   "6622971").PN. OR ("7082878").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 08:01

S36	28	[("2400175"   "3453960"   "4240596"   "4776539"   "4867357"   "4884770"   "5040748"   "5046426"   "5242135"   "5328132"   "5413514"   "5529261"   "5603595"   "5743492"   "5969287"   "5983802"   "5992328"   "6036144"   "6059235"   "6142424"   "6158693"   "6439122"   "6450452").PN. OR ("6622971").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 08:03
337	3	facciano-andrew.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 08:12
S39	3	"60484197"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/05/20 08:13
S40	0	("2005/0000383").URPN.	USPAT	ADJ	ON	2009/05/20 08:14
S41	26	["3230885"   "3373686"   "3453960"   "3486410"   "3633456"   "3698281"   "4137848"   "4685376"   "5046426"   "5109749"   "5129306"   "5331894"   "5372071"   "5390606"   "5392684"   "5585596").PN. OR ("5969287").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/20 08:19
S42	16	("3382800"). URPN.	USPAT	ADJ	ON	2009/12/22 13:31
S43	1486	(169/26,28,29,35,36).OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/22 13:33
S44	0	("("2665768"   "20060162941"   "3065798"   "4353303"   "6832740").PN.").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/12 10:50

S45	15	("2665768"   "20060162941"   "3065798"   "4353303"   "6832740").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/07/12 10:50
S46	45	("1317551"   "1903348"   "2091589"   "2306321"   "2349980"   "2633920"   "2665768"   "2703527"   "3065798"   "3382800"   "3833063"   "3833064"   "3980139"   "4285403"   "4353303"   "4798143"   "4964469"   "6179246"   "6318473"   "6470805"   "6919840"   "7121353").FN. OR ("1317551"   "2009/0250229"   "2306321"   "2349980"   "2633920"   "7121353"   "7478680").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/12 11:08
S47	17	("4372216"   "4394997"   "4417520"   "4455943"   "4625646"   "4638737").PN. OR ("2006/0162941"   "2665768"   "6832740").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/12 11:09
S48	1783	(89/1.51,1.52,1.53,1.54).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2010/07/13 08:37
S49	501	102/489	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/07/13 08:38
S50	148	102/370	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/07/13 08:38
S51	23	("2865584"   "3276367"   "3561705"   "3980019"   "4333382"   "4352314"   "4447025"   "4473200"   "4638736"   "4660456"   "4745840"   "4829878"   "4856409"   "4911059").PN. OR ("5363737").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/13 08:41

S52	 ("2865584"   "3276367"   "3561705"   "3980019"	US-PGPUB;	ADJ	ON	2010/07/13
	"4333382"   "4352314"   "4447025"   "4473200"	USPAT; USOCR			09:43
	"4638736"   "4660456"   "4745840"   "4829878"				
	"4856409"   "4911059").PN. OR ("2462744"				
	"2786392"   "2837370"   "5363737").URPN.				

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	)	((89/1.51,1.52,1.53,1.54,1.55,1.58,1.59) or (102/221,489,370) or (169/28,36,46,81,26,35)).CCLS.	UPAD	OR	OFF	2010/07/19 07:09

## 7/19/2010 8:06:55 AM

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